

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Vincent Pace on 11/8/2010.

(1) Regarding claim 34:

Line 4, replace "sliding correlator" by ---sliding window correlator---.

Line 5, replace "sliding correlator" by ---sliding window correlator---.

(2) Regarding claim 35:

Line 3, replace "the step of timing out" by ---a step of timing out---.

(3) Regarding claim 46:

Line 2, replace "sliding correlator" by ---sliding window correlator---.

(4) Regarding claim 47:

Lines 1-2, replace "A narrowband interference reducing system for a receiver as claimed in claim 45" by ---A narrowband interference reducing system for a receiver as claimed in claim 46---.

(5) Regarding claim 49:

Line 2, replace "arranged to bypass the adaptive filter" by ---arranged to bypass the adaptive filter **by rerouting the receive data**---.

Allowable Subject Matter

2. Claims 30-49 are allowed.
3. The following is an examiner's statement of reasons for allowance:

The present invention describes a method and system for reducing interference from at least one narrow band interferer in a pilot symbol assisted receiver comprising the steps of receiving a stream of received data, the stream of received data through an adaptive filter that reduces interference from any narrowband interferer, passing the filtered data through a correlator arranged to detect pilot symbols, when a pilot symbol is detected passing the stream of received data to a receiving apparatus without first passing the received data through the adaptive filter, and wherein the pilot symbol has a length and includes one or more repetitions of known data or pseudo noise. The closest prior art, Henely (US 6,169,770 B1) in view of Yu et al. (US 2004/0136478 A1) and Kriedte et al. (US 2004/0100939 A1) together disclose a similar system but fails to disclose a similar method and system but fails to disclose when a pilot symbol is detected passing the stream of received data to a receiving apparatus without first passing the received data through the adaptive filter. This distinct feature has been added to the independent claims 30, 37, and 41, thus rendering claims 30-49 allowable.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to SIU M. LEE whose telephone number is (571)270-1083. The examiner can normally be reached on Mon-Fri, 7:30-4:00 with every other Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh Fan can be reached on (571) 272-3042. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Siu M Lee/
Examiner, Art Unit 2611
11/9/2010

Application/Control Number: 10/550,633
Art Unit: 2611

Page 5

/CHIEH M FAN/
Supervisory Patent Examiner, Art Unit 2611